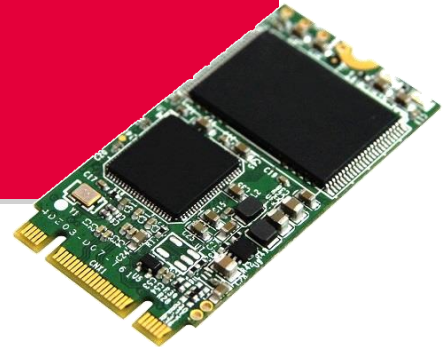


Datasheet

M.2 (S42) 3ME2 series

- SATA 6Gb/s interface
- iSMART disk health monitoring
- Intelligent error recovery system
- Excellent data transfer speed
- Zero mechanical interference
- Anti-vibration mechanical design



Introduction

Innodisk M.2 (S42) 3ME2 is designed as the standard M.2 form factor with SATA interface, and supports SATA III standard (6.0Gb/s) with excellent performance. The form factor refers to the M.2(NGFF) specification which established by JEDEC. Regarding of mechanical interference, Innodisk M.2 (S42) 3ME2 absolutely replaces the traditional hard disk and makes personal computer, in any field, smaller and easier.

Innodisk M.2 (S42) 3ME2 effectively reduces the booting time of operation system and the power consumption is less than hard disk drive (HDD), and complies with ATA protocol, no additional drives are required, and can be configured as a boot device or data storage device.

M.2 (S42) 3ME2 series

Contact us for more information about the M2 (S42) 3ME2.

Innodisk is a service-driven provider of industrial embedded flash and DRAM storage products and technologies, with a focus on the cloud computing, industrial/embedded, and aerospace and defense industries.

Headquarters (Taiwan)

5F., No. 237, Sec. 1, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan
Tel: +886-2-7703-3000
Email: sales@innodisk.com

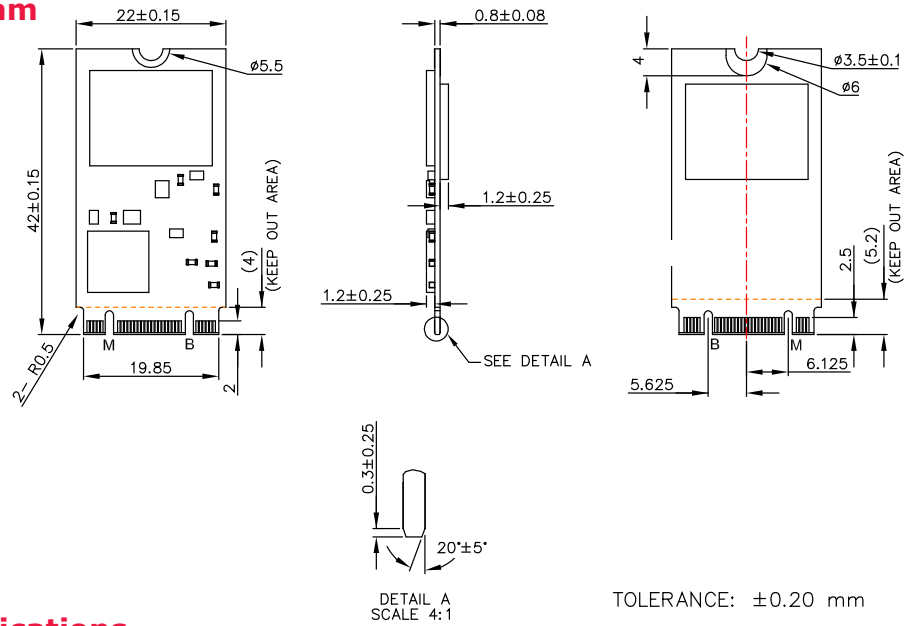
Branch Offices:

USA
usasales@innodisk.com
+1-510-770-9421
Europe
eusales@innodisk.com
+31-040-282-1818
Japan
jpsales@innodisk.com
+81-45-594-7581
China
sales_cn@innodisk.com
+86-755-21673689
www.innodisk.com

© 2015 Innodisk Corporation.
All right reserved. Specifications are subject to change without prior no

20150901

Diagram



Specifications

| | |
|-------------------------------|---|
| Interface | SATA III |
| Flash Type | MLC |
| P/E cycle | 3,000 |
| Capacity | 16GB~256GB |
| Max. Channels | 4 |
| Sequential R/W (MB/sec, max.) | 500/80 |
| Max. Power Consumption | 1.09 W (3.3V x 330 mA) |
| Thermal Sensor | √ |
| External DRAM buffer | - |
| H/W Write Protect | - |
| ATA Security | √ |
| S.M.A.R.T. | √ |
| Dimension (WxLxH) | 22.0 X 42.0 X 4.5 mm |
| Environment | Vibration: 20G @7~2000Hz Shock: 1500G @ 0.5ms Storage Temperature: -55°C ~ +95°C MTBF: 3 million hours |

Ordering Information

| Operation Temp. | 16GB | 32GB | 64GB | 128GB | 256GB |
|-----------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Standard Grade (0°C ~ +70°C) | DEM24-16GD72SCASN | DEM24-32GD72SCADN | DEM24-64GD72SCAQN | DEM24-A28D72SCAQN | DEM24-B56D72SCAQN |
| Extended Grade (-40°C ~ +85°C) | DEM24-16GD72SWASN | DEM24-32GD72SWADN | DEM24-64GD72SWAQN | DEM24-A28D72SWAQN | DEM24-B56D72SWAQN |